

Converting Colors

YUV(186.2030, -17.8481,
31.3940)

Have a look what the booklet for
YUV(186.2030, -17.8481, 31.3940)
contains.

YUV(186.2030, -17.8481, 31.3940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.2030, -17.8481,
31.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAF96
RGB	222, 175, 150
RGB Percent	87%, 69%, 59%
CMY	0.1294, 0.3137, 0.4118
CMYK	0.00, 0.21, 0.32, 0.13
HSL	21°, 52%, 73%
HSV	21°, 32%, 87%
XYZ	50.9592, 48.3915, 35.5088
YIQ	186.2030, 36.0370, 2.1890

Conversions

Conversions Part 2

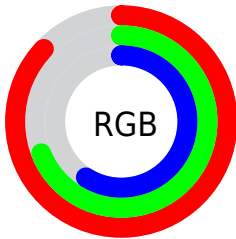
Format	Color
R _Y B	222, 188, 150
Decimal	14593942
CIE Lab	75.07, 13.64, 19.35
CIE LCh	75, 23.680, 54.819
Yxy	48.3915, 0.3779, 0.3588
Android (android.graphics.Color)	4292784022 (0xFFDEAF96)
YUV	186.2030, -17.8481, 31.3940
Hunter-Lab	69.5640, 9.0233, 18.4304

Details

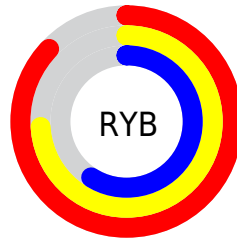
The YUV color $186.2030, -17.8481, 31.3940$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $185.7970, 17.8481, -31.3940$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.0980, -15.3313, 17.4541$, and $132.5340, -16.5323, 29.3497$ is the 20% darker color. If you saturate the color by 10%, you get $175.4770, -23.4062, 40.8007$, and if you desaturate by 10%, it is $196.9290, -12.2900, 21.9873$.

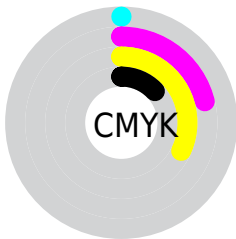
Distribution



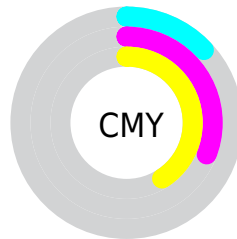
- Red (87%)
- Green (69%)
- Blue (59%)



- Red (87%)
- Yellow (74%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2030, -17.8481, 31.3940 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 186.2030, -17.8481, 31.3940 by changing the saturation by 10% instead.

■ 186.2030,
-17.8481, 31.3940

■ 186.2030,
-17.8481, 31.3940

255.0000, 0.0000,
0.0000

■ 158.7190,
-17.1165, 30.0644

■ 235.0980,
-15.3313, 17.4541

■ 132.5340,
-16.5323, 29.3497

■ 252.3780,
-10.0464, 2.2995

■ 107.3380,
-15.9426, 26.8906

■ 82.8540, -15.2110,
25.5610

■ 59.1850, -13.8952,
23.5168

■ 36.1740, -13.8898,
21.7724

■ 15.4710, -7.6272,

19.7579

■ 0.0000, 0.0000,
0.0000

■ 186.2030,
-17.8481, 31.3940

■ 186.2030,
-17.8481, 31.3940

■ 175.4770,
-23.4062, 40.8007

■ 196.9290,
-12.2900, 21.9873

■ 164.1640,
-28.6749, 50.7222

■ 208.2420, -7.0213,
12.0658

■ 153.3240,
-34.6697, 60.2289

■ 219.0820, -1.0264,
2.5591

■ 142.0110,
-39.9384, 70.1504

■ 230.3950, 4.2423,
-7.3624

■ 131.2850,
-45.4965, 79.5571

■ 240.4370, 7.1796,
-16.1692

■ 119.9720,
-50.7652, 89.4786

■ 245.1330, 4.8644,
-20.2876

■ 111.5770,
-55.0075, 96.8410

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.7120, -9.7180, 37.0866



186.2030, -17.8481, 31.3940



184.3170, -20.8623, 18.1390

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186.2030, -17.8481, 31.3940



176.5240, 1.7137, -36.4165



186.7990, 18.3401, -2.4547

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



186.2030, -17.8481, 31.3940



185.7970, 17.8481, -31.3940

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



182.3940, 22.4838, -24.9015



186.2030, -17.8481, 31.3940



175.4440, 13.0921, -45.9934

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



186.2030, -17.8481, 31.3940



178.9470, -9.8339, -19.2475



177.8280, 20.7908, -41.9452



188.5690, 10.5655, 17.9180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186.2030, -17.8481, 31.3940



182.8810, -19.6613, 6.2434



177.8280, 20.7908, -41.9452



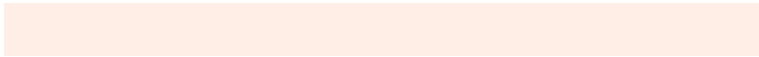
185.3250, 20.5458, -9.9320

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



186.2030, -17.8481, 31.3940



242.1710, -6.0003, 11.2510



177.0000, 10.3530, 39.4650



120.3060, -4.0949, 6.7476



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.2030, -17.8481, 31.3940



205.5590, -24.4326, 43.3598



206.7480, -27.9768, 13.3760



106.6370, -2.7790, 4.7034



88.4310, -43.5965, 76.7980



24.3310, -11.9952, 20.7577

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.7970, 17.8481, -31.3940



204.8540, 24.7220, -42.8450



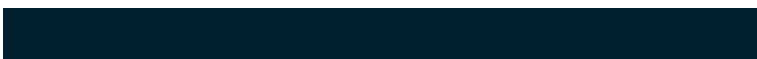
165.2520, 27.9768, -13.3760



106.3630, 2.7790, -4.7034



87.5690, 43.5965, -76.7980



24.2560, 11.7058, -21.2725

Previews

White Background



This preview shows how the YUV color 186.2030, -17.8481, 31.3940 looks on a white background.

Color Contrast Check

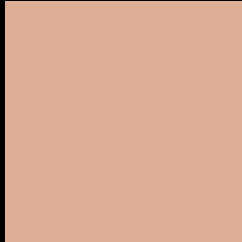
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 186.2030, -17.8481, 31.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

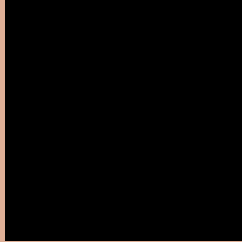
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.2030, -17.8481, 31.3940 Background



This preview shows how black text looks on a background with the YUV color 186.2030, -17.8481, 31.3940.



This preview shows how white text looks on a background with the YUV color 186.2030, -17.8481, 31.3940.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

186.2030, -17.8481, 31.3940

Protanopia

184.5700, -14.5780, 9.1471

Deuteranopia

185.7570, -18.1212, 25.6461



Tritanopia

188.2260, -2.5764, 33.1278

Trichromacy



Original Color

186.2030, -17.8481, 31.3940

Protanomaly

184.9840, -15.7681, 17.5540

Deuteranomaly

186.0670, -18.2740, 28.0052

Tritanomaly

187.7330, -8.2494, 32.6832

Monochromacy



Original Color

186.2030, -17.8481, 31.3940

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2030, -17.8481, 31.3940 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 150) }
```

Border

The CSS property to change the border of an element to YUV 186.2030, -17.8481, 31.3940 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 175, 150) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 175, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 186.2030, -17.8481, 31.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
175, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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